

FIGURE 1

1002707 4 20 2001 3

Gamma 1:

hinge CH_2

[illegible]

Mutated A E P K S S D K T H T S P P S P.....A P E A E G A P S.....
234 235 237

Gemma 4:

hinge CH_2

Native A E S K Y G P P C P S C P.....A P E F L G G P S.....

Mated A E S K Y G P P S P S P.....A P E T C G S P S.....
 194 195 196

FIGURE 2

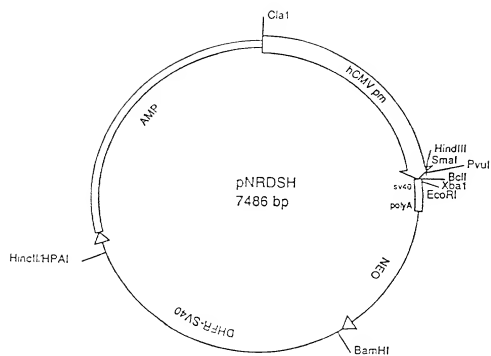
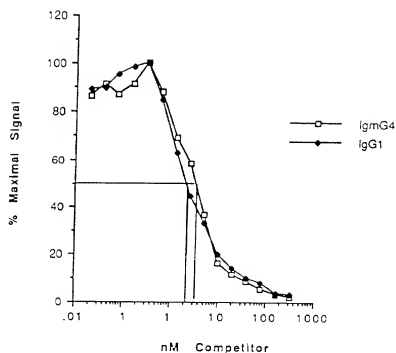


FIGURE 3

A.



B.

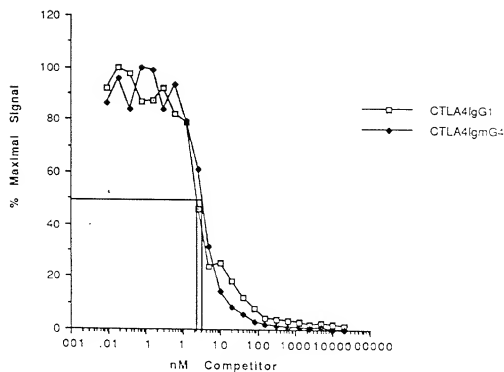
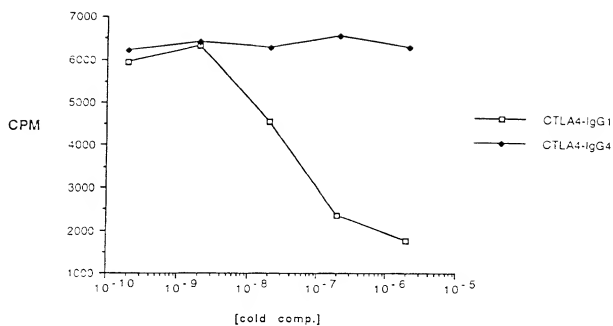


FIGURE 4

A



B

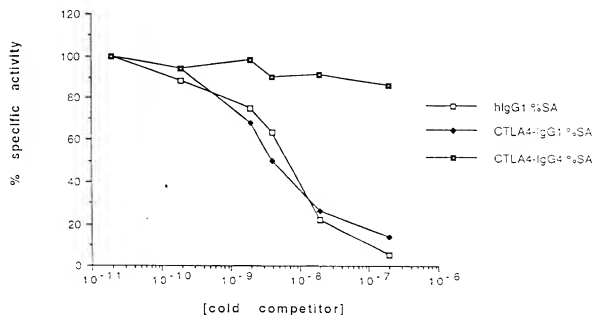
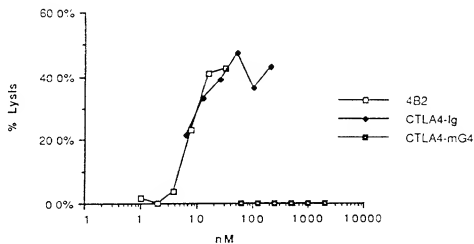
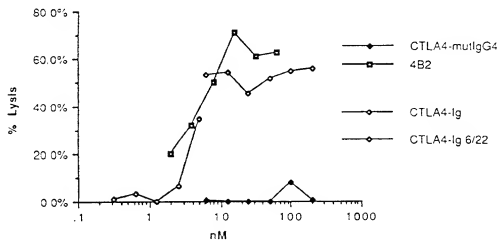


FIGURE 5

A.



B.



C.

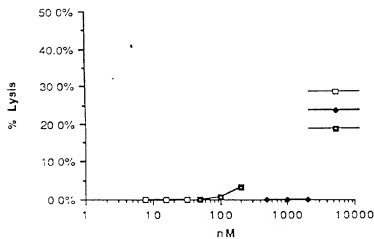


FIGURE 6

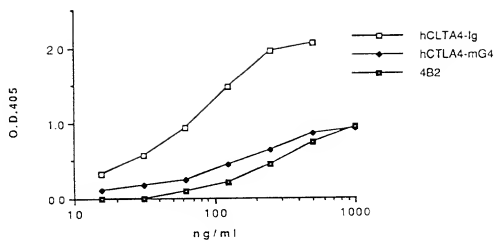


FIGURE 7

FIGURE 8

